

aspiringminds

India Science Festival

Celebrating Science. Opening Minds.



TYT: Talk Your Thesis

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ISMO: India Science Month Online

January 2021

Calling all science enthusiasts who believe in the power of simplifying science for the good of society!

Following the phenomenal responses that we received for ISF - 2020, we are back with our flagship competitions: **“Talk your Thesis”** and **“Perform your Project”**.

Send us your work as a simple video. Presenters will be selected through a competitive process by a judging panel comprising our esteemed speakers, who are top scientists/professors from world’s top universities.

The **top 5 final** shortlisted candidates for each competition will be recognized as **‘ISF Fellows’**. These **ISF Fellows** will be mentored by experts in the field to polish their skills in order to deliver a public talk. They will present a live online talk in January 2021, as part of the **India Science Month**.

In the final round, a jury and live voting by the audience will choose the **top 3 winners** who will receive exciting cash prizes!

This is a wonderful opportunity to bring attention to your work - from scientists and society!

Given below are the detailed guidelines Talk Your Thesis (TYT):



Angira Rastogi, winner of TYT 2020, gets felicitated by Prof. VS Ramachandran at India Science Festival

Talk your Thesis

About:

Get attention to your scientific work, bring your science to the world. Explain your thesis to a non-specialist audience, with a simple, crisp and insightful 10 min talk.



Eligibility:

Anyone who is pursuing a MS/PhD/Postdoc or recently completed one is eligible for this competition

All that you need to keep in mind!

- **Necessary condition:** Your work needs to be of great scientific value backed by peer-reviewed publications (or under review).
- The thesis can be in any discipline so long as it has a **strong scientific element**.
- Your presentation **should connect with non-specialists**- the general educated public. For instance, how your work can explain/have ramifications for everyone's life, work life or science in general. Another way is to give an analogy to something people can relate to. Or how your work answers a great scientific question or helps your broader field move ahead.

- Presentation is key – it needs to be simple, understandable and impactful. We don't like "it was great because no one understood it".
- You need to talk about your thesis, yes, but tell the audience about the broad **scientific question behind your work and where your work is placed** – avoid explaining esoteric details of your work – give us the big picture.

Registration:

The first step in order to participate in the competitions is to register on our website <https://www.indiasciencefest.org/participate>.

Applications:

Please include the following in your application:

- A one/ two-page resume
- Abstract of your work with relevant references (**upto 750 words**). The bibliography for the abstract would not count towards word limit.
- Annexure of your peer-reviewed papers or those under review. Please include PDF of all.
- A video of **2-5 minutes** which is a sample of the talk you will give. This will be key for us to understand how you will frame the story and tell it to a non-specialist audience. If you are innovative, you will get a preference!
- Include a signed declaration stating "India Science Fest has permission to post my video created for 'Talk your thesis' competition online on its YouTube channel, website or social media channels publicly." We plan to share the good videos online and make you a celebrity!

Submission:

A link will open on 1st September 2020 for you to upload all files. This link will be open for submissions till 15th October 2020. Incomplete applications will be disqualified automatically.

Prizes:

Winner: Rs.30000

1st runner up: Rs. 20000

2nd runner up: Rs.10000



Nitesh Mishra, TYT finalist and ISF Fellow from AIIMS, delivers his talk at India Science Festival, 2020.

Evaluation parameters:

50%: Scientific Merit; 50%: Story framing and presentation

Round 1:

75% weightage for jury's marks

25 % weightage for live voting (The videos submitted by participants will be uploaded on our social media channels and will be open to live voting)

Round 2: Top 5 will be ISF Fellows will be mentored by our jury and will deliver live online talks, which will be judged by our panel of esteemed speakers.

Timeline:

Submission: A link will open on 1st September 2020 to upload all files.

Deadline for submitting application: 15th October 2020

Results declared: 31st October 2020

Mentors Assigned: 10th November 2020

Final online talk: January 2021

Winners declared: January 2021

Need some inspiration? Watch these videos by the finalists of TYT 2020:

[Search for physics beyond the Standard Model](#), Angira Rastogi, IISER Pune

[Factors affecting lift generation in insects & birds](#), Anand Bharadwaj, IIT Madras

[Control of unstart phenomena in scramjet engines](#), Anchal Varshney, Aligarh Muslim University

[Potential role for the onset of recombination events](#), Nitesh Mishra, AIIMS New Delhi

[How to teach a robot to do brain surgery?](#), Vikas Vazhayil, IIT Bangalore

Make sure you register for this competition on our website

www.indiasciencefest.org/compete at the earliest!

For any information/queries/help? Write to us at:

info@indiasciencefest.org